

Customer No. 28880

Confirmation No. 8043

PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 18

**Complete if Known**

Application Number	10/743,470
Filing Date	December 23, 2003
First Named Inventor	Dasseux, et al
Art Unit	1614
Examiner Name	Zucker, Paul A.
Attorney Docket Number	PC 20612C (10173-034-999)

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 3,930,024A	12/30/1975	Creger, Paul L	
		US- 4,287,200A	9/1/1981	Kawamatsu, Yitala. et al	
		US- 5,756, 544A	5/26/1998	Greger, Paul L, et al	
		US- 2004-0214777A1	12/23/2003	Dasseux, et al	
		US- 2004-0209847A1	10/21/04	Dasseux, et al	
		US- 3,152,148A	10/1964	Easterly, et al	
		US- 3,773,946A	11/1973	Creger	
		US- 3,930,024A	12/1975	Creger	
		US- 4,287,200A	9/1981	Kawamatsu, et al	
		US- 4,584,321A	4/1996	Manghisi, et al	
		US- 4,613,593A	9/1986	Yamatsu, et al	
		US- 4,634,719A	1/1987	Takaishi, et al	
		US- 4,896,344A	8/1987	Bar-Tana, Jacob	
		US- 4,711,896A	12/1987	Bar-Tana, et al	
		US- 4,714,762A	12/1987	Hoeffle, et al	
		US- 5,166,174A	11/1992	Ueno, et al	
		US- 5,225,439A	7/1993	Ueno, et al	
		US- 5,284,858A	2/1994	Ueno, et al	
		US- 5,380,709A	1/1995	Ueno, et al	

**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		FR 1 545 224A	11/8/1968	Geigy AG J R		
		GB 1196594 English Equivalent to FR 1545 224	7/1/1970	Howell		
		GB 1196595 English Equivalent to FR 1545 224	7/1/1970	Howell		
		GB 1196596 English Equivalent to FR 1545 224	7/1/1970	Howell		
		GB 1196597 English Equivalent to FR 1545 224	7/1/1970	Howell		
		GB 1196598 English Equivalent to FR 1545 224	7/1/1970	Howell		

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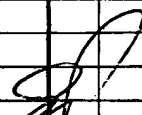
Sheet 2

of 18

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Examiner Name	Zucker, Paul A.
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		US- 5,428,062A	6/1995	Ueno, et al		
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		US- 5,750,569A	5/1998	Bisgaier, et al		
		US- 5,756,344A	5/1998	Onda, et al		
		US- 5,756,544A	5/1998	Bisgaier, et al		
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		US- 6,646,170	11/11/2003	Dasseux, et al		
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			US- 3,441,605	4/1969	Blake et al	
			US- 3,773,946	11/1973	Creger	
		US- 3,930,024	12/1975	Creger		

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		WO 98/30530A	7/16/1998	Bar-Tana, Jacob		
		EP 0 284 108	9/28/87	McFetridge		
		WO 96/30328	7/16/98	Baluais		
		WO 99/00116	1/7/99	Bar-Tana, Jacob		

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		Filing Date	December 23, 2003
		First Named Inventor	Dasseux, et al
		Art Unit	1614
		Examiner Name	Zucker, Paul A.
Sheet 3 of 18	Attorney Docket Number	PC20612C (10173-034-999)	

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		US- 4,634,719	1/1987	Takaishi et al	
		US- 4,639,344	8/1987	Bar-Tana et al	
		US- 4,711,896	12/1987	Bar-Tana et al	
		US- 5,502,198	3/1996	Picard et al	
		US- 5,504,073	4/1996	Homan	
		US- 5,578,639	11/1996	Homan	
		US- 5,633,287	5/1997	Lee, et al	
		US- 5,648,387	7/1997	Bisgaier et al	
		US- 5,570,569	5/1998	Bisgaier, et al	
		US- 5,968,963	10/1999	Homan	
		US- 5,981,595	11/1999	Picard et al	
		US- 6,017,905	1/2000	Roark et al	
		US- 6,093,719	7/2000	Bocan	
		US- 6,093,744	7/2000	Lee, et al	
		US- 6,124,309	9/2000	Bocan	
		US- 6,143,755	11/2000	Bocan	

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		BICKING, et al., "11,12-Secoprostaglandins. I. Acylhydroxyalkanoic acids and related compounds", J. Med. Chem., 1977, pp. 35-43, vol. 20	
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		BOBROVA, et al., abstract, J. Org. Chem, 1983, pp. 259-261, vol. 19	
		NARASAKA, et al., abstract, Bull. Chem. Soc, 1987, pp. 1457-1464, vol. 60, no. 4	
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		CRISAN, abstract, Ann. Chim., 1956, pp. 436-459, vol. 13, no. 1	
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		BROWN, et al., "Hydroboration. 67. Cyclic hydroboration of acyclic alpha, omega-dienes with 9-Borabicyclo '3.3.1' nonane/borane-dimethyl sulfide", J. Org. Chem., pp. 1072-1078, vol. 49, no. 6	

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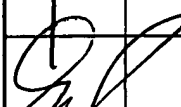
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		WEBER, et al., abstract, J. Med. Chem., 1992, pp. 3755-3773, vol. 35, no. 21	
		YAMAMOTO, "Asymmetric synthesis of 5-and 6-membered lactones from cyclic substrates bearing a c2-chiral auxiliary", J. Org. Chem., 1991, pp. 1112-1119, vol. 35, no. 21	
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		SILVERMAN, The Organic Chemistry of Drug Design and Drug Interaction, 1992, pp. 15-22	
		BOHME, V. and Lener, W., 1955, Annalen der Chemie, 595:169-178 (English language abstract).	
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			BARRANS et al., 1996, "Pre-beta HDL; structure and metabolism", Biochim. Biophys. Acta. 1300(2):73-85.

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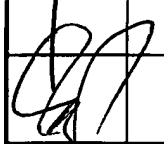
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		BECKER et al., 1982, "Intramolecular photoaddition of terminal allenes to conjugated cyclohexenones", J. Org. Chem. 47:3297-3310	
		BERNADY et al., 1979, "Prostaglandins and congeners. 20..sup.1,2 Synthesis of prostaglandins via conjugate addition of lithium trans-1-alkenyltrialkylalanate reagents. A novel reagent for conjugate 1,4-additions", J. Org. Chem. 44:1438-47	
		BHANOT et al., 1977, "Synthetic Studies on Terpenoids. 5. Syntheses of .gamma.- and delta.-Lactones from . beta.-(2,7-Dimethyl-1,2-dihydroxycycloheptyl)propionic Acid", J. Org. Chem. 42:1623-1627	
		BISGAIER et al., 1998, "A novel compound that elevates high density lipoprotein and activates the peroxisome proliferator activated receptor", J Lipid Res. 39(1):17-30	
		BISGAIER et al., 1997, "Attenuation of plasma low density lipoprotein cholesterol by select 3-hydroxy-3-methylglutaryl coenzyme A reductase inhibitors in mice of low density lipoprotein receptors", J Lipid Res 38 (12):2502-2515	
		BONGINI et al., 1979 "A simple and practical method for tetrahydropyranylation of alcohols and phenols", Synthesis 618-620	
		BROWN et al., 1965, "Selective reductions. VII. Reaction of lithium trimethoxyluminohydride with selected organic compounds containing representative functional groups", J. Am. Chem. Soc. 87:5614-20	
		BROWN et al., 1980, "Selective reductions. 26 Lithium triethylborohydride as an exceptionally powerful and selective reducing agent in organic synthesis. Exploration of the reactions with selected organic compounds containing representative functional groups, .sup.1,2 ", J. Org. Chem 45:1-12.	
		BRUCE et al., 1998, "Plasma lipid transfer proteins, high-density lipoproteins, and reverse cholesterol transport", Annu Rev Nutr. 1998;18:297-330.	
		CAMPAGNA et al., 1994, "Cyclic Amidine Analogues of Taurine and Homotaurine: Synthesis and Effects on Rat Skeletal Muscle", Farmaco, Ed. Sci 49:653-658.	

Examiner Signature		Date Considered	1/20/07
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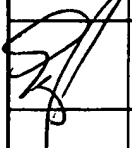

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Substitute for form 1449/PTO		<b>Complete if Known</b>			
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	10/743,470		
		Filing Date	December 23, 2003		
		First Named Inventor	Dasseux, et al		
		Art Unit	1614		
		Examiner Name	Zucker, Paul A.		
Sheet	8	of	18	Attorney Docket Number	PC 20612C (10173-034-999)

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		CAROTHERS, 1924, "Platinum oxide as a catalyst in the reduction of organic compounds. V. The preparation of primary alcohols by the catalytic hydrogenation of aldehydes.sup.1", J. Am. Chem. Soc. 46:1675-83.	
		CERNY et al., 1969, "Properties of Sodium Bis-(2-Methoxyethoxy) Aluminum Hydride", Collect Czech Chem Commn. 34:1025-33.	
		CHADWICK et al., 1979, "Reaction between N-Alkylpyrroles and Alkyl-lithium Reagents" J. Chem Soc., Perkin Trans. I 2845.	
		CHAIKIN et al., 1949, "Lithium Borohydride as a Reducing Agent", J. Am. Chem. Soc. 71:3245-46.	
		CHEN et al., 1998, "Asymmetric total synthesis of phosphatidylinositol 3-phosphate and 4-phosphate derivatives", J. Org. Chem. 63:6511-22	
		COMINS et al., 1981, "A one pot synthesis of unsymmetrical secondary alcohols from two grignard reagents", Tetrahedron Lett. 22:1085-88	
		CORBRIDGE, 1985, "Phosphorus: An Outline of Its Chemistry, Biochemistry and Technology", Studies in Inorganic Chemistry, 3.sup.rd ed, pp. 357-395	
		COREY et al., 1979, "Useful procedures for the oxidation of alcohols involving pyridinium dichromate in aprotic media", Tetrahedron Lett. 5: 399-402	
		COREY et al., 1967, "A useful method for the conversion of alcohols into iodides", J. Org. Chem. 32: 4160-4161	
		DANHEISER et al., 1991, "A Practical and Efficient Method for Synthesis of .beta.-Lactones", J. Org. Chem. 56:1176-85	

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		Filing Date	December 23, 2003
		First Named Inventor	Dasseux, et al
		Art Unit	1614
		Examiner Name	Zucker, Paul A.
Sheet 9 of 18	Attorney Docket Number	PC 20612C (10173-034-999)	

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		DANSKY HM, Fisher EA, 1999, "High-density lipoprotein and plaque regression: the good cholesterol gets even better", Circulation 100(17):1762-3	
		DECOSSIN et al., 1997, "Subclasses of LpA-I in coronary artery disease: distribution and cholesterol efflux ability", Eur J Clin Invest. 27(4):299-307	
		DESARLO et al., 1971, "Isoxazolin-5-one", J. Chem Soc.86-89.	
		EATON et al., 1972, "Hydroxypropylation", J. Org. Chem. 37:1947-50	
		EHLINGER, et al., 1980, "Silicon in Synthesis. 10. The (trimethylsilyl)allyl Anion: A .beta.-Acyl anion equivalent for the conversion of aldehydes and ketones into .lambda.-lactone", J. Am. Chem. Soc. 102:5004-11	
		FIELDING & FIELDING, 1995, "Molecular physiology of reverse cholesterol transport", J Lipid Res. 36(2):211-28	
		FRASER et al., 1985, "Acidity measurements in the THF. V..sup.1 Heteroaromatic compounds containing 5-membered rings", Can. J. Chem 63:3505-09	
		GAREGG et al., 1980, "Novel Reagent System for converting a Hydroxy-group into an Iodo-group in carbohydrates with Inversion of Configuration", J.C.S. Perkin I 2866-2868	
		GEARING et al., 1993, "Interaction of the peroxisome-proliferator-activated receptor and retinoid X receptor", Proc. Natl. Acad. Sci. USA 90(4):1440-1444	
		GIGG et al., 1967, "The Preparation of Unsymmetrical Diglycerides", J. Chem. Soc., C, 431-434	

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Filing Date	December 23, 2003
First Named Inventor	Dasseux, et al
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Examiner Name	Zucker, Paul A.
Attorney Docket Number	PC 20612C (10173-034-999)

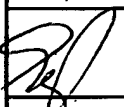

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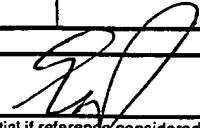
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		GREEN AND KEHINDE, 1975, "An established preadipose cell line and its differentiation in culture. II. Factors affecting the adipose conversion", Cell. 5(1):19-27	
		GREENE, T.W., 1999, "Protection for the Hydroxyl Group, Including 1,2- and 1,3-Diols", Protective Groups in O	
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		HAYDEN AND MA, 1992, "Molecular genetics of human lipoprotein lipase deficiency", Mol Cell Biochem. 113 (2):171-6	
		HEYMAN, et al., 1992, "9-cis retinoic acid is a high affinity ligand for the retinoid X receptor", Cell 68(2):397-406	
		HIDAKA AND FIDGE, 1992, "Affinity purification of the hepatic high-density lipoprotein receptor identifies two acidic glycoproteins and enables further characterization of their binding properties", Biochem. J. 15(Pt1):161-7	
		HIRANO et al., 1997, "Genetic cholesteryl ester transfer deficiency is extremely frequent in the Omagari area of Japan. Marked hyperalphalipoproteinemia caused by CETP gene mutation is not associated with longevity", Arterioscler. Thromb. Vasc. Biol. 17(6):1053-1059.	
		HOYER et al., 1986, "Catalysis by acidic clay of the protective tetrahydropyranlation of alcohols and phenols", Synthesis 655-57	
		HUDLICKY, M., 1996, "Reduction of esters and lactones of carboxylic acids", Reductions in Organic Chemistry, 2.sup.nd Ed., pp 212-217	
		HUDLICKY, M, 1996, "Reduction of aldehydes and their derivatives", Reductions in Organic Chemistry, 2.sup.nd ed. pp 137-139	

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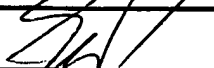
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Filing Date	December 23, 2003
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		ISHIBASHI, et al., 1994, "Massive xanthomatosis and atherosclerosis in cholesterol-fed low density lipoprotein receptor-negative mice", J Clin Invest. 93(5):1885-93	
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		ISSEMAN AND GREEN, 1990, "Activation of a member of the steroid hormone receptor superfamily by peroxisome proliferators", Nature 347(6294):645-650	
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		JOHNSTON et al., 1988, "A new, mild heterogeneous catalyst for the tetrahydropyranlation of alcohols and phenols", Synthesis 393-4	
		KATRITZKY et al., 1993, "Generation and Reactions of sp.sup.2 -Carbanionic Centers in the Vicinity of Heterocyclic Nitrogen Atoms", Adv. Het. Chem. 56:155-303	
		KELLER AND WAHLI, 1993, "Peroxisome proliferator-activated receptors--A link between endocrinology and Nutrition?", TEM, 4:291-296	
		KELLER et al., 1993, "Fatty acids and retinoids control lipid metabolism through activation of peroxisome proliferator-activated receptor-retinoid X receptor heterodimers", Proc. Natl. Acad. Sci. USA 90(6):2160-2164	
		KESSAR et al., 1997, "Lewis acid complexation of tertiary amines and related compounds: A strategy for a .alpha.-deprotonation and stereocontrol", Chem. Rev. 97:721-37	
		KURZ et al., 1985, "Anomalous selectivities in methyl transfers to water: An explanation using free energy surfaces which model the effects of non-equilibrium solvation", Isr. J. Chem. 26:339-48	

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Sheet	12	of	18	Attorney Docket Number	PC 20612C (10173-034-999)

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		KLIEWER et al., 1992, "Convergence of 9-cis retinoic acid and peroxisome proliferator signalling pathways through heterodimer formation of their receptors", Nature. 27:358(6389):771-4	
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		KURZ et al., 1986, "Evidence for a rate-determining solvation change in methyl transfer to water. Solvent dependence of H.sub.2 O/D.sub.2 O kinetic isotope effects", J. Am. Chem 108:2960-68	
		LAGROST et al., 1996, "Opposite effects of cholesteryl ester transfer protein and phospholipid transfer protein on the size distribution of plasma high density lipoproteins. Physiological relevance in alcoholic patients", J Biol Chem. 271(32):19058-65	
		LANDSHULZ et al., 1996, "Regulation of scavenger receptor, class B, type I, a high density lipoprotein receptor, in liver and steroidogenic tissues of the rat", J. Clin. Invest. 98(4):984-995	
		LAROCK, 1989, Comprehensive Organic Transformations; Ch. 6, VCH: New York, pp 446-448	
		LAZAROW AND FUJIKI, 1985, "Biogenesis of peroxisomes", Annu Rev Cell Biol. 1:489-530	
		LEVIN et al., 1992, "9-cis retinoic acid stereoisomer binds and activates the nuclear receptor RXR alpha", Nature 355(6358):359-61	
		LUDWIG et al., 1989, "Rapid and efficient synthesis of nucleoside 5'-O-(1-thiotriphosphates), 5'-Triphosphates and 2',3'-Cyclophosphorothioates using 2-Chloro-4H-1,3,2-benzodioxaphosphorin-4-one", J. Org. Chem. 54:631-35.	

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		MARCH, J., 1992, Advanced Organic Chemistry; reactions Mechanisms, and Structure, 4.sup.th ed., pp248-272, 1196-98, 437-438, 920-929.	
		MASAMUNE et al., 1976, "Tylosin hemiacetal, the aglycone of tylosin, and its partial synthesis [letter]". J Am Chem Soc. 98(24):7874-5.	
		MASAYUMA et al., 2000, "Regio- and diastereocontrol in carbonyl allylation by 1-halobut-2-enes with Tin(II) halides", J Org Chem. 65(2):494-8.	
		MENGER et al., 1981, "Synthetically useful oxidations at solid sodium permanganate surfaces", Tetrahedron Lett. 22:1655-56.	
		MIYASHITA et al., 1977, "Pyridinium .rho.-Toluenesulfonate. A mild and efficient catalyst for the tetrahydropyranlation of alcohols", J. Org. Chem 42:3772-74.	
		MOFFET et al., 1963, "2-(1-Pyrrolidyl)Propanol", Org. Synth. Collect 4:834-5.	
		MYERS et al., 1992, "Studies on the thermal generation and reactivity of a class of (.alpha., .pi.)-1,4-biradicals", J. Am. Chem. Soc. 114:9369-86.	
		NEMALI et al., 1988, "Comparison of constitutive and inducible levels of expression of peroxisomal beta-oxidation and catalase genes in liver and extrahepatic tissues of rat", Cancer Res. 48(18):5316-24.	
		NYSTROM et al., 1947, "Reduction of Organic Compounds by Lithium Aluminum Hydride", J. Am. Chem Soc. 69:1197-1199.	

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		First Named Inventor	Dasseux, et al		
		Art Unit	1614		
		Examiner Name	Zucker, Paul A.		
Sheet	14	of	18	Attorney Docket Number	PC 20612C (10173-034-999)

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		NYSTROM et al., 1949, "Lithium borohydride as a reducing agent", J. Am. Chem. 71:3245-47.	
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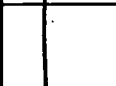
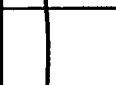
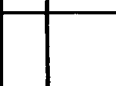
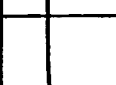

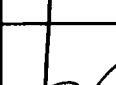

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	10/743,470
		Filing Date	December 23, 2003
		First Named Inventor	Dasseux, et al
		Art Unit	1614
		Examiner Name	Zucker, Paul A.
Sheet 15 of 18	Attorney Docket Number	PC 20612C (10173-034-999)	

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		URATA et al., 1991, "Transition metal complex catalyzed carbonylation of organic halides in the presence of molecular sieves instead of base", Tetrahedron Lett. 32:36, 4733-36.	
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		BLATT ed., 1943, "Gilbert Sulfonation and Related Reactions" pp 135-142, 160-165; Org. Synth. Coll. vol. II, Wiley, NY and Org. Synth. Coll. vol. IV, 1963, Wiley NY 529-531.	
		WILLIAMS et al., 1988, "Bromine as an oxidant for direct conversion of aldehydes to esters", Tetrahedron Lett. 29:5087-90.	
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		WROBLEWSKI AND LADUE, 1995, "Lactic dehydrogenase activity in blood", Proc. Soc. Exp. Biol. Med. 90:210-213	
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